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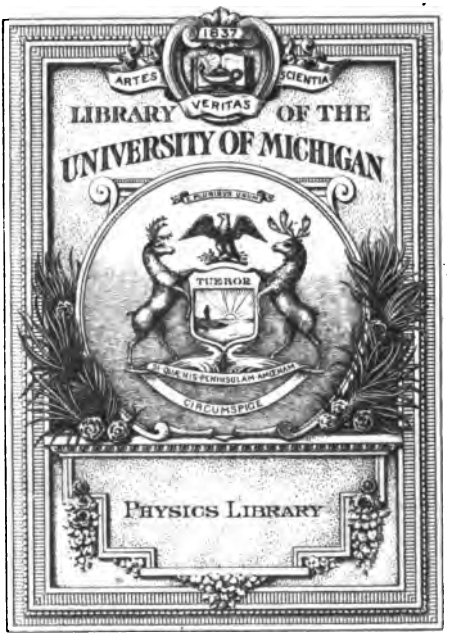
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SYLLABUS

OF A COURSE ON

METEOROLOGY

By

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PREFACE

This syllabus is intended primarily for the students of Williams College where Meteorology is given as a three hour elective course for Juniors and Seniors during the first half-year. A text-book is used as the basis of instruction but much supplementary material is added in the form of lectures. In order to systematize the work this syllabus, which covers both text-book and lectures, was prepared.

The title is: "Syllabus of a course on Meteorology" and Meteorology is here considered in its broadest sense as the science which deals with all atmospheric phenomena. Some things are thus included which may not be found in all books on Meteorology. The subject is divided into thirteen chapters, of which the first eight are always treated in every book on Meteorology. The last five are treated fully in some books and passed over with a few words in others. The chapters are subdivided into sections and the sections into topics. The references given in the syllabus are to the four following books:

Davis: Elementary Meteorology
Moore: Meteorology
Russell: Meteorology
Waldo: Elementary Meteorology.

These are indicated by D, M, R and W respectively. The references are to sections whenever the book has numbered sections, otherwise necessarily to pages. No attempt has been made to give references to all the books on Meteorology. The reasons for choosing these particular four were: (1) They seem to be the most complete, modern text-books. (2) As far as is known to the author, whenever a separate text-book on Meteorology is used in any school or college of the United States, one of these four is always chosen.

About forty-five periods are available for the course as given in Williams College and this time suffices for covering the first eight chapters in detail and for several lectures on the more important topics in the last five chapters. Davis's book is used at present as the text-book. Practical work in making observations, in deriving generalizations from Meteorological statistics, and in making forecasts is required in connection with the course. Short essays or theses on special topics are also sometimes required.

W. I. M.

Williams College, Williamstown, Mass.
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